

Ohio Section of the American Society of Civil Engineers  
[INFRASTRUCTUREREPORTCARD.ORG/OHIO](https://infrastructurereportcard.org/ohio)



## GRADING SCALE



### **EXCEPTIONAL: FIT FOR THE FUTURE**

The infrastructure in the system or network is generally in excellent condition, typically new or recently rehabilitated, and meets capacity needs for the future. A few elements show signs of general deterioration that require attention. Facilities meet modern standards for functionality and are resilient to withstand most disasters and severe weather events.



### **GOOD: ADEQUATE FOR NOW**

The infrastructure in the system or network is in good to excellent condition; some elements show signs of general deterioration that require attention. A few elements exhibit significant deficiencies. Safe and reliable with minimal capacity issues and minimal risk.



### **MEDIOCRE: REQUIRES ATTENTION**

The infrastructure in the system or network is in fair to good condition; it shows general signs of deterioration and requires attention. Some elements exhibit significant deficiencies in conditions and functionality, with increasing vulnerability to risk.



### **POOR: AT RISK**

The infrastructure is in poor to fair condition and mostly below standard, with many elements approaching the end of their service life. A large portion of the system exhibits significant deterioration. Condition and capacity are of significant concern with strong risk of failure.



### **FAILING/CRITICAL: UNFIT FOR PURPOSE**

The infrastructure in the system is in unacceptable condition with widespread advanced signs of deterioration. Many of the components of the system exhibit signs of imminent failure.



# ABOUT THE INFRASTRUCTURE REPORT CARD

## GRADING CRITERIA

### METHODOLOGY

Every four years America's civil engineers provide a comprehensive assessment of the nation's 16 major infrastructure categories in ASCE's *National Infrastructure Report Card*. Using a simple A to F school report card format, the Report Card examines current infrastructure conditions and needs, assigning grades and making recommendations to raise them. The Ohio Council of Local ASCE Sections Infrastructure Report Card Committee adopted the same simple A to F report card format, assessing relevant data and reports, consulting with technical experts and assigning a grade for each category using the following criteria:



The Report Card Sections are analyzed based on the following eight criteria:

**CAPACITY** Does the infrastructure's capacity meet current and future demands?

**CONDITION** What is the infrastructure's existing and near-future physical condition?

**FUNDING** What is the current level of funding from all levels of government for the infrastructure category as compared to the estimated funding need?

**FUTURE NEED** What is the cost to improve the infrastructure? Will future funding prospects address the need?

**OPERATION AND MAINTENANCE** What is the owners' ability to operate and maintain the infrastructure properly? Is the infrastructure in compliance with government regulations?
































**PUBLIC SAFETY** To what extent is the public's safety jeopardized by the condition of the infrastructure and what could be the consequences of failure?

**RESILIENCE** What is the infrastructure system's capability to prevent or protect against significant multi-hazard threats and incidents? How able is it to quickly recover and reconstitute critical services with minimum consequences for public safety and health, the economy, and national security?

**INNOVATION** What new and innovative techniques, materials, technologies, and delivery methods are being implemented to improve the infrastructure?

# 2021 REPORT CARD FOR OHIO'S INFRASTRUCTURE



 BRIDGES 	 PORTS 
 DAMS 	 RAIL 
 DRINKING WATER 	 ROADS 
 ENERGY 	 SCHOOLS 
 HAZARDOUS WASTE 	 SOLID WASTE 
 INLAND WATERWAYS 	 STORMWATER 
 LEVEES 	 TRANSIT 
 PARKS 	 WASTEWATER 